



## AMENDMENTS

This listing of claims replaces all prior versions and listings of claims in the application.

### IN THE CLAIMS

1. (Currently Amended) A process for the production of polyurethane di(meth)acrylates in which 1,6-hexane diisocyanate is reacted, without solvent and without subsequent purification operations, with a diol component and hydroxy-C2-C4-alkyl (meth)acrylate in the molar ratio  $x : (x-1) : 2$ , wherein  $x$  means any desired value from 2 to 5 and the diol component is a combination of two to four (cyclo)aliphatic diols with molar masses of 62 to 600, and wherein each of the diols constitutes at least 10 mol% of the diols of the diol component, and wherein the diol component is selected from the group consisting of combinations of
  - 20 to 80 mol% hydrogenated bisphenol A with 80 to 20 mol% 1,10-decanediol,
  - 20 to 80 mol% hydrogenated bisphenol A with 80 to 20 mol% 1,6-hexanediol,
  - 60 to 90 mol% neopentyl glycol with 40 to 10 mol% 1,6-hexanediol,
  - 10 to 90 mol% cyclohexanedimethanol with 90 to 10 mol% 1,5-pentanediol and three-component combinations comprising in each case
    - 10 to 50 mol% 1,3-propanediol, 1,5-pentanediol and 1,6-hexanediol and  
in each case 10 to 50 mol% 1,3-propanediol, 1,5-pentanediol and cyclohexanedimethanol, wherein the mol percentages add up to 100 mol% in each of the combinations.

2. (Canceled).

3. (Canceled).
4. (Original) Polyurethane di(meth)acrylates produced using the process of claim 1.
5. (Canceled).
6. (Canceled).
7. (Original) Powder coating compositions containing the polyurethane di(meth)acrylates produced according to the process of claim 1 as binder.
8. (Canceled).
9. (Canceled).
10. (Original) A substrate coated with a layer of the powder coating composition according to claim 7.